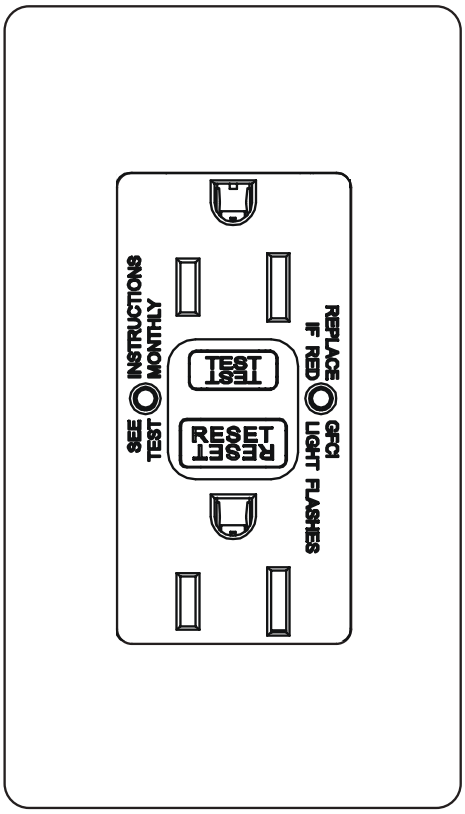
369964c 1 10.26.21

# Lutron Tamper Resistant, Self-Testing GFCI Receptacles

## Features

- Continuous self-test functionality – disconnects power to receptacle if critical components are damaged and GFCI protection is lost – providing "continuous self-testing" that initiates within 2.5 seconds and is a continuous cycle every 30 seconds or less.
- Three provisions for providing protection:
  - Continuous electronic sensing, testing and evaluation utilizing diagnostic software located on the printed circuit board.
  - Traditional testing mode by manually operating the "test and reset" buttons utilizing a supervisory circuit as specified in UL® 943 section 5.15.
  - Auto-sensing mode for immediate interruption for a ground fault condition for Class A protection (4 – 6 mA).
- Manual Test – this design incorporates a full system test function. The GFCI, when manually tested, induces a simulated ground fault leakage current to the printed circuit board. This in turn causes the mechanical system to react based on the action of the solenoid. The entire mechanical and electronic GFCI system is reviewed for functionality.
- Reverse wire safety feature – if wired incorrectly there will be no power to the face or to downstream receptacles for added safety.
- Clear visual indication of GFCI status — LED indicating lights:
  - Green LED (power to the device)
  - Red LED (trip condition/ground fault condition)
  - Flashing Red LED (end of life)
- Permanently installed internal tamper-resistant shutter mechanism capable of resisting insertion of foreign elements into the device.
- Internal back wiring clamp and guide pocket — quick and dependable termination.
- Receptacle face compatible with NEMA designer and NovaT☆ designer-opening wallplates.
- Compliant with NEC® 406.12 and NEC® 517-18(c).




## Models Available:

**15 A**

| | | | |
|---|---|---|---|
| CAR-15-GFST-XX | 15 A | 125 V~ | 60 Hz |
| SCR-15-GFST-XX | 15 A | 125 V~ | 60 Hz |
| NTR-15-GFST-XX | 15 A | 125 V~ | 60 Hz |

**20 A**

| | | | |
|---|---|---|---|
| SCR-20-GFST-XX | 20 A | 125 V~ | 60 Hz |
| NTR-20-GFST-XX | 20 A | 125 V~ | 60 Hz |

*(XX in model number represents color/finish code)*

LUTRON SPECIFICATION SUBMITTAL Page 1

| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Specifications

### Regulatory Approvals

- Meets UL® 943 Class A GFCIs and UL® 498 for receptacles
- Complies to NEC®, CEC & OSHA, UL® File E-41978, CSA File LR-24886
- UL® Listed
- CSA Certified
- NOM Certified
- UL® 943 Dust Test: Meets performance requirement section 6.20 UL® 943 GFCI

### Power

- 15 A & 20 A, 125 V~ (102 V~ – 132 V~) 60 Hz
- Exceeds immunity level of 0.5 V over a frequency range of 150 kHz to 230 MHz

### Electrical

- Trip Level: 4 – 6 mA
- Trip Time: .025 seconds (nominal)
- Frequency: 60 Hz
- Max Interruption: 10,000 A

### Environmental

- Operating Temperature: -35 °C to 66 °C (-30 °F to 150 °F)
- Maximum Humidity: 95%

### Emissions

- Compliant for radiated emissions 30 – 1000 MHz
- Compliant for conducted emissions 150 kHz – 30 MHz

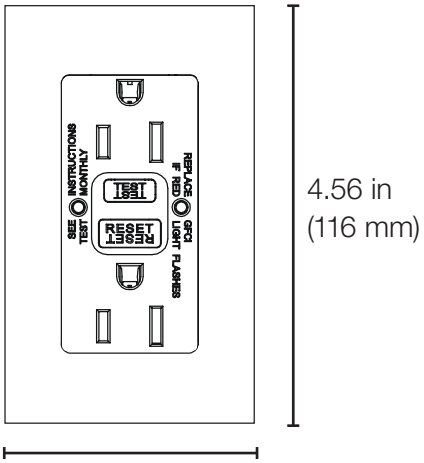


| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

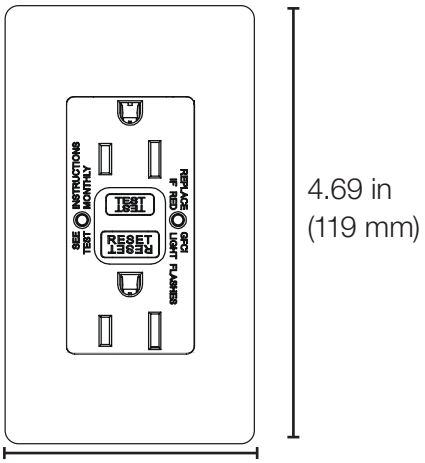
# Dimensions

## Front View

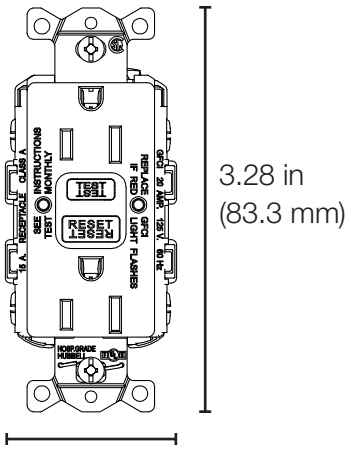
**NTR- models (with NovaT☆ wallplate)**




**CAR- and SCR- models (with Claro wallplate)**

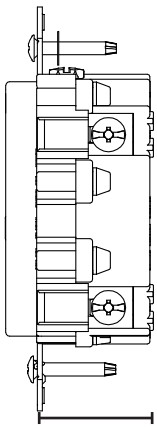



**Bulk unit**



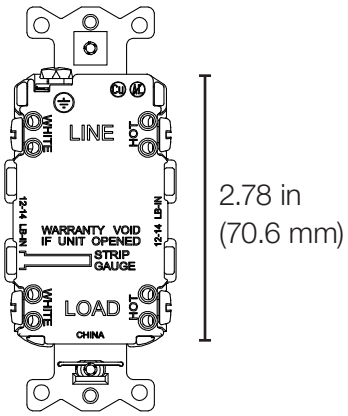

## Side View

**all models**




## Rear View

**all models**

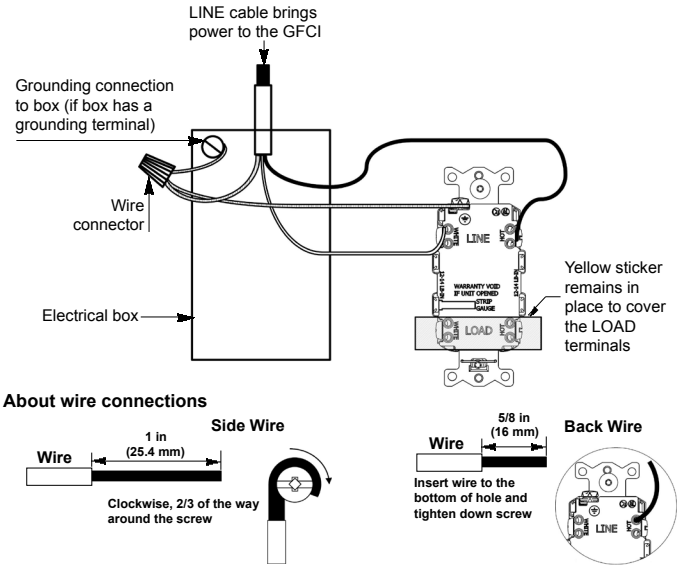





| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Wiring Diagrams (choose one or the other)

## A: One cable entering the box

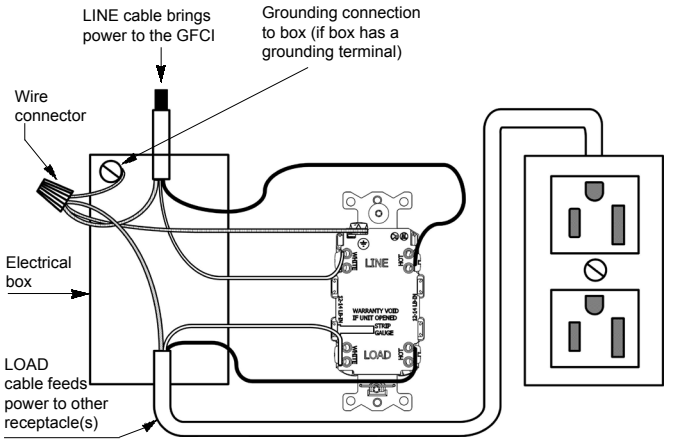



**About wire connections**

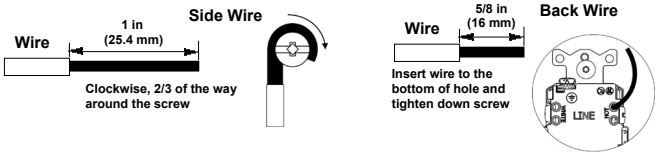



**OR**

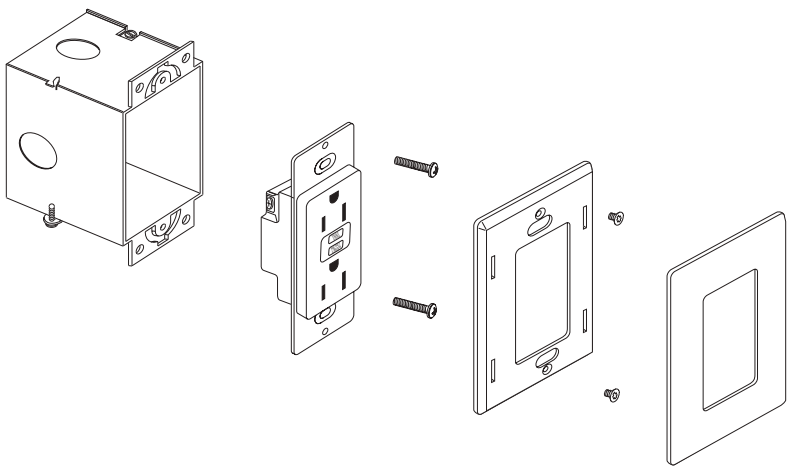
## B: Two cables entering the box




**About wire connections**




# Mounting

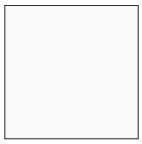


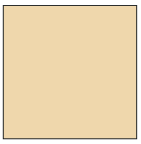


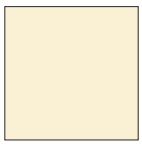
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

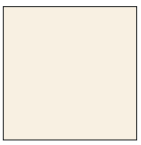
# Colors and Finishes

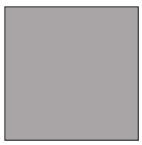
## Gloss Finishes


White
WH


Ivory
IV


Almond
AL

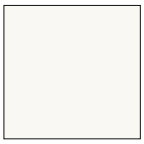

Light Almond
LA

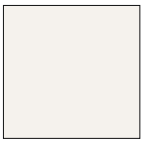

Gray
GR

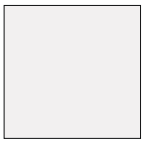

Brown
BR

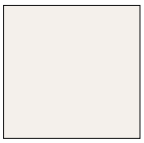

Black
BL

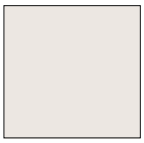
## Satin Finishes

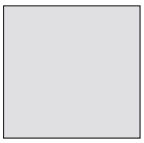

Brilliant White
BW

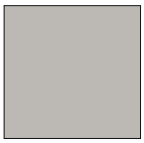

Glacier White
GL


Snow
SW

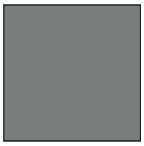

Architectural White
RW


Lunar Gray
LG

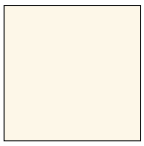

Mist
MI

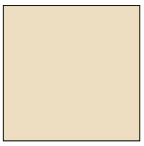

Pebble
PB

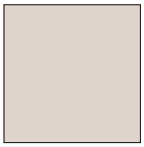

Cobblestone
CS

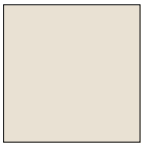

Slate
SL

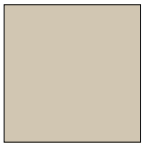

Midnight
MN

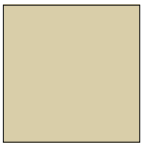

Biscuit
BI


Sand
SD


Taupe
TP


Pumice
PM


Clay
CY


Sage
SA


Espresso
EP


Truffle
TF


Deep Sea
DE


Signal Red
SR

- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:
  Gloss Finishes: DG-CK-1
  Satin Finishes: SF-CK-1
  For coordinating wallplates and accessories, visit lutron.com/claro



| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

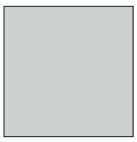
## Colors and Finishes (*continued*)

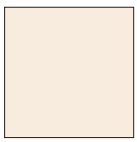
### Satin Colors (while supplies last)


Hot
HT

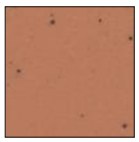

Merlot
MR


Plum
PL


Palladium
PD

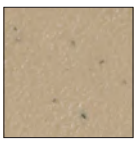

Eggshell
ES


Sienna
SI


Terracotta
TC


Greenbriar
GB


Bluestone
BG


Mocha Stone
MS


Goldstone
GS


Desert Stone
DS


Stone
ST


Limestone
LS

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- Color chip keychains are available for more precise color matching:
  Satin Colors: SC-CK-1 (while supplies last)

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| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |